SEP 3 0 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RADEN The application of: Czaplicki et al.

Application No.: 10/635,070

Group No.: 3726

Filed:

08/06/2003

Examiner: Marc Jimenez

For: HEAT ACTIVATED REINFORCING SLEEVE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement in accordance with their duty of disclosure under 37 CFR 1.56 and 1.97-1.98. The submission made herewith is in no way intended as an admission that the cited items constitute material prior art or otherwise would render the claims unpatentable in any way. The submission also is in no way intended to substitute for the Examiner's own independent investigation.

Copies of foreign patent documents and non-patent literature together with a listing on form PTO/SB/08A and PTO/SB/08B are submitted herewith. Copies of cited U.S. patents and U.S. patent application publications have not been submitted due to the waiver of the requirement under 37 CFR 1.98 (a)(2)(i). Applicants respectfully solicit the Examiner's consideration of the cited references and entry

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

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thereof into the record of this application.

This Supplemental Information Disclosure Statement is being submitted after the mailing of a first Office Action or Notice of Allowance. The fee of \$180.00 is enclosed in the form of a check. If any additional fee is due with the filing of this paper please charge the amount to deposit account 50-1097.

Date: 31 Sept 2

Scott A. Chapple

Registration No. 46,287 Dobrusin & Thennisch PC

401 South Old Woodward Avenue

Suite 311

Birmingham, MI 48009

248-593-9900

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Substitute for form 1449A/PTO

SEP 3 0 2004

 Complete if Known

 Application Number
 10/635.070

 Filing Date
 08/06/2003

 First Named Inventor
 Michael J. Czaplicki

 Art Unit
 3726

 Examiner Name
 Maca Limano

(Use as many sheets as necessary)

Sheet 1 of

INFORMATION DISCI

STATEMENT BY APPLE

Attorney Docket Number 1001-009C2

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 6,207,244	03/27/2001	Hesch	
		^{US-} 6,267,436	07/31/2001	Takahara	
		US- 6,478,367	11/12/2002	Ishikawa	
		^{US-} 6,550,847	04/22/2003	Honda et al.	
	l	us- 6,692,347	02/17/2004	Schneider	
		^{US-} 6,729,425	05/04/2004	Schneider	
		us- 6,748,667	06/15/2004	Sevastian	
		^{US-} 6,777,049	08/17/2004	Sheldon et al.	
		^{US-} 6,786,533	09/07/2004	Bock et al.	
		^{US-} 2004/0074150	04/22/2004	Wycech	
		US- 2004/0011282	01/22/2004	Myers et al.	
		us- 2004/135058	07/15/2004	Wycech	
		^{US-} 2004/0079478	04/29/2004	Merz	
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			FORE	IGN P	ATENT DOC	JMENTS		,
Examiner Initials*	Cite No.1		itent Document e ³⁻ Number ⁴⁻ Kind Code ⁵ (<i>if known</i>)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		DE	198 12 288	C1	05/27/1999	Moller Plast GmbH		X
		DE	198 56 255	C1	01/20/2000	Moller Plast GmbH		X
		WO	99/48746		09/30/1999	Moller Plast GMBH		X
		GB	2 156 412	Α	10/09/1985	BKL Extrustions Limited		
		WO	97/43501		11/20/1997	Henkel Corporation		

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Sheet	2	of	4	Attorney Docket Number	1001-009C2			

Examiner	Cita	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
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		DE	198 58 903	A1	06/21/2000	Adam Opel AG		
		EP	1 428 744	A1	06/16/2004	Henkel KGaA		
		WO	03/051676	A1	06/26/2003	Sika Schweiz AG		
		JР	2002-362412		12/18/2002	Neoex Lab Inc		X
-		JP	2002-120250		04/23/2002	Neoex Lab Inc		$ \mathbf{x} $

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Attorney Docket Number

(Use as many sheets as necessary)

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U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where **Publication Date** Name of Patentee or Examiner Cite Document Number Applicant of Cited Document Relevant Passages or Relevant MM-DD-YYYY Initials* Figures Appear Number-Kind Code^{2 (if known)} US-US-US-US-US-US-US-US-US-US-US-US-US-HS. US-US-US-

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1		Patent Document ode ³⁻ Number ⁴⁻ Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶			
		JP	2001-199362	07/24/2001	Neoex Lab Inc		X			
		JР	2001-88739	04/03/2001	Neoex Lab Inc		X			
		JР	2001-62833	03/13/2001	Neoex Lab Inc		X			
		JР	200-52444	02/22/2000	Neoex Lab Inc		X			
		JР	10-71628	03/17/1998	KK Neox Lab		X			

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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		JP	10-45031	02/17/1998	KK Neox Lab		X
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INFORMATION DESCLOSE	Filing Date 08/06/2003	
STATEMENT BY APPLIES	First Named Inventor Michael J. Czaplic	k
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(use as many sheets as necessary)	Examiner Name Marc Jimenez	
Sheet 1 of 0	Attorney Docket Number 1001-009C2	

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate) title of the											
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²									
		International Search Report dated September 7, 2001 for Application No. PCT/US01/06735.										
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Form PTO-1449 U.S. DEPARTMENT O	F COMMERCE		Atty. D	ocket Number:		Serial Number:				
PATENT AND TRADE	MARK OFFICE		,	1001-009C2			10/63	5.070		
LIST OFFICE OR ART	CITED BY APPLIC	ANT	Applica	ant(s): Michael J. Czaplick	ki et al.		10/03	5,070		
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*EXAMINABLE	DOCUMENT	DA	TE	NAME	CLASS		SUBCLASS	FILING DATE IF APPROPRIATE		
TRIAL	NUMBER	00/10	/10/2	Wessells III				APPRO	DPRIATE	
	3,054,636	09/18/								
	3,746,387	/1973	Schwenk	1			-			
3,757,559 09/11/7				Welsh				 -		
	3,890,108	06/17/		Welsh	<u> </u>					
	4,090,734	05/23		Inami et al.	ļ. <u>.</u>			-		
	4,378,395	03/29		Asoshina et al.				-		
	4,440,434	/1984	Celli				-			
	4,457,555	07/03		Draper				-		
	4,559,274	12/17		Kloppe et al.						
	4,610,836	09/09		Wycech				<u> </u>		
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	628,863	03/2	28/1947	U.K.	. <u> </u>				Ш	
	DE2919046	05/1	1/1979	Germany						
	8028960	09/0)8/1980	U.K.						
	82102135.9	03/1	6/1982	Europe						
	8725028	10/2	26/1987	U.K.						
	64-69309	03/1	5/1989	Japan						
	64-69308	03/1	5/1989	Japan						
	90202150.0	08/0	08/1990	Europe						
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	OTHER DO	CUM	ENTS (Including Author, Title, Date, Pert	tinent Page:	s, Etc.)				
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*EXAMINER TRIAL	DOCUMENT NUMBER	DAT	re	NAME		ss	SUBCLASS	FILING D		
	4,613,177	09/23/	1986	Loren et al.						
	4,705,716	11/10/	1987	Tang						
	4,917,435 04/17/1		1990	Bonnett et al.						
4,989,913 02/05/1			1991	Moore, III						
5,102,188 04/07/1			1992	Yamane						
5,122,398 06/16/1			1992	Seiler et al.						
	5,560,672	1996	Lim et al.							
	5,642,914	1997	Takabatake							
	5,648,401	07/15/	1997	Czaplicki et al.						
		FOREI	GN PAT	ENT DOCUMENT	S					
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	G9011147.8	09	/24/1990	Germany						
	91104546.6	03	/22/1991	Europe						
	PCT/AU92/004	68 09	/03/1992	PCT						
	94101343.5	01	/29/1994	Europe						
	G9320333.0	06	/21/1994	Germany						
	PCT/EP95/008	96 03	/10/1995	PCT						
	PCT/US96/111	55 07	/01/1996	PCT						
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	5,649,400	07/22/		Miwa	-				
	5,652,039	07/29/		Tremain et al.				 -	
	5,803,533	09/08/		Schulz et al.	ļ				
	5,804,608	09/08/		Nakazato et al.	<u> </u>				
	5,806,915	09/15/	1998	Takabatake					
	5,806,919	09/15/	1998	Davies			ļļ		
	5,866,052	02/02/		Muramatsu					
	5,888,642	1999	Meteer et al.						
	5,901,528	1999	Richardson						
	5,904,024	05/18/	1999	Miwa					
]	FOREI	GN PATI	ENT DOCUMENTS	S				
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	PCT/US99/007	70 01/	/14/1999	PCT					
	PCT/US99/0185	55 02/	/03/1999	PCT					
	PCT/US99/0186	55 02/	/09/1999	PCT					
	PCT/US99/0426	63 03/	/03/1999	PCT					
	PCT/US99/0427	79 03/	/29/1999	PCT					
	PCT/US99/1044	11 05/	/18/1999	PCT					
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	5,932,680	08/03/	1999	Heider						
	5,941,597	5,941,597 08/24/199		Horiuchi et al.						
	5,985,435	11/16/	1999	Czaplicki et al.						
	5,988,734 11/23/1			Longo et al.						
	5,994,422	1999	Born et al.							
	6,004,425	12/21/	1999	Born et al.						
	6,022,066	02/08/2	2000	Tremblay et al.						
	6,033,300	2000	Schneider							
	6,050,630 04/18/2			Hochet						
	6,059,342	6,059,342 05/09/20		Kawai et al.						
	6,068,424	05/30/2	2000	Wycech						
	6,077,884	06/20/2	2000	Hess et al.						
	J	FOREI	GN PAT	TENT DOCUMENTS	S					
	DOCUMENT NUMBER	R	DATE	COUNTRY	CLA	ss	SUBCLASS	TRANSL YES	ATION NO	
	PCT/US99/1111	10 05	/20/1999	9 PCT						
	PCT/US99/1110	09 05	/20/1999	9 PCT						
	PCT/CA99/0042	24 05	/21/1999	9 PCT						
	PCT/EP99/0383	32 06	/02/1999	9 PCT		-				
	PCT/EP99/0611		/20/1999	9 PCT			1			
	PCT/US99/1882		/26/1999							
	PCT/US99/1883		/02/1999	9 PCT						
	PCT/EP99/0714		/25/1999							
	PCT/US99/2479		/22/1999							
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	sheets if necessary)		Filing Da	te:		Group: 3612					
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		U.S.	PATENT	DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DAT	E	NAME	CLAS	ss	SUBCLASS	FILING DATE IF APPROPRIATE			
	6,079,180	06/27/	2000	Wycech							
	6,082,811	07/04/	2000	Yoshida							
	6,090,232 07/18/20			Seeliger et al.							
	6,092,864 07/25/2			Wycech et al.							
	6,094,798	08/01/	2000	Seeliger et al.							
	6,096,403	08/01/	2000	Wycech et al.							
	6,096,791	08/01/	2000	Born et al.							
	6,099,948	2000	Paver, Jr.								
	6,102,379	2000	Ponslet et al.								
	6,102,473	08/15/	2000	Steininger et al.							
	6,103,341	08/15/	2000	Barz et al.							
]	FOREI	GN PATI	N PATENT DOCUMENTS							
	DOCUMENT NUMBE	R	DATE	COUNTRY	CLAS	SS	SUBCLASS	TRANSL YES	ATION NO		
	PCT/EP99/0954	11 12	/02/1999	PCT							
	PCT/EP99/0973	32 12	/10/1999	PCT							
	PCT/EP99/0990	9 12	/14/1999	PCT							
	PCT/US99/2998	37 12	/17/1999	PCT							
	PCT/US99/2999	91 12/	/17/1999	PCT							
	PCT/US99/2998	36 12	17/1999	PCT							
	PCT/US99/2999	90 12/	/17/1999	PCT							
	PCT/US99/2999	92 12	/17/1999	PCT							
	PCT/DE99/0410	03 12	/17/1999	PCT							
<u> </u>	OTHER D	OCUM!	ENTS (Inc	luding Author, Title, Date, Pe	rtinent Page	s, Etc.)	1	-			
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LIST OF PRIOR AR	T CITED BY APPL	ICANT	Applic	Applicant(s): Michael J. Czaplicki et al.						
	PPLICATION	_								
(Use several	sheets if necessary)		Filing !	Date:		Gro		12		
				August 6, 2003						
		U.S.	PATE	TENT DOCUMENTS						
*EXAMINER TRIAL	DOCUMENT NUMBER	DAT	E	NAME	CLAS	ss	SUBCLASS	FILING D		
	6,103,784	08/15/	2000	Hilborn et al.						
	6,110,982 08/29/200		2000	Russick et al.						
	6,129,410 10/10/200		2000	Kosaraju et al.						
	6,131,897	10/17/	2000	Barz et al.						
	6,135,542	10/24/	2000	Emmelmann et al.						
	6,149,227	11/21/	2000	Wycech						
	6,150,428	11/21/	2000	Hanley, IV et al.						
	6,152,260	11/28/	2000	Eipper et al.						
	6,153,709 11/28/2			Xiao et al.						
	6,165,588	12/26/	2000	Wycech						
	6,168,226	01/02/	2001	Wycech						
		FOREI	GN PA	TENT DOCUMENTS	3					
	DOCUMENT NUMBE	ER	DATE	COUNTRY	CLAS	ss	SUBCLASS	TRANSI YES	ATION NO	
	PCT/EP99/101	51 12	/21/199	9 PCT						
	PCT/US00/000	10 01	/03/200	00 PCT						
	PCT/EP00/000	21 01/	/04/200	00 PCT						
	PCT/US00/016	44 01	/26/200	00 PCT						
	PCT/US00/004	97 01	/27/200	00 PCT						
	PCT/US00/026	31 02	/02/200	00 PCT						
	PCT/EP00/014	74 02	/23/200	00 PCT						
	PCT/AT00/001	23 05	/05/200	00 PCT						
	OTHER D	ENTS (Including Author, Title, Date, Peri	tinent Page	s, Etc.)					
EXAMINER				DATE CONSIDERED):					

	T OF COMMERCE ADEMARK OFFICE		Atty	. Docket Number 1001-009C2	Serial Number: 10/635,070				
	ART CITED BY APPLIC	ANT	App	Applicant(s): Michael J. Czaplicki et al.					
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				ENT DOCUMENTS					
*EXAMINER TRIAL	DOCUMENT NUMBER	DAT	E	NAME	CLASS	SUBCLASS	1	DATE IF PRIATE	
	3,123,170	Ма	r-64	Bryant					
	3,493,257	Feb-70		Fitzgerald, et al.					
	3,665,968	5/30	0/72	DePutter	,			_	
	4,019,301	4/26	6/77	Fox			ļ		
	4,082,825			Puterbaugh				<u></u> .	
4,238,540 12 4,397,490 Au				Yates, et al.					
				Evans, et al.					
	4,732,806	3/22	2/88	Wycech					
4,751,249 Ju				Wycech					
		FORE	IGN	PATENT DOCUMENTS					
	Document Number Date		te	Country	CLASS	SUBCLASS	TRANS YES	LATION NO	
	EP 0 891 918 A1	1/20	20/99 Europe						
	EP 0 893 331 A1	1/2	7/99	Europe					
	EP 0 893 332 A1	1/2	7/99	Europe					
	JP 5-38992	Feb	o-93	Japan					
	PCT/JP88/00029	7/2	7/89	PCT					
	PCT/US97/07644	11/20	0/97	PCT					
	PCT/US97/10693		5/97	PCT					
	PCT/US97/19981	11/14	4/97	PCT					
	PCT/US98/08980	11/1:	2/98	PCT					
	PCT/US98/16461		5/99	PCT					
	OTHER DOCUM	ENTS		(Including Author, Title, Do	ate, Pertinent P	ages, Etc.)			
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	J.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Docket Number 1001-009C2	Serial Number: 10/635,070				
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			U.S.	PAT:	TENT DOCUMENTS					
*EXAMINER TRIAL		DOCUMENT NUMBER	DAT	E	NAME	CLASS	SUBCLASS		DATE IF	
		4,762,352	8/	9/88	Enomoto					
		4,803,108	2/	7/89	Leuchten, et al.					
		4,836,516	6/	6/89	Wycech					
	4,853,270 8/1/8		1/89	Wycech						
	4,861,097 8/29/		9/89	Wycech						
4,898,630 2/6				6/90	Kitoh, et al.					
		4,901,500	Fe	b-90	Wycech			ļ		
				ır-90	Wycech					
		4,922,596 5/8		8/90	Wycech					
		4,923,902 5/8		8/90	Wycech					
		4,978,562 12/18		8/90	Wycech					
		4,995,545	2/2	6/91	Wycech					
		5,124,186	Ju	n-92	Wycech					
		5,213,391	5/2	5/93	Takagi			-		
		5,255,487	Oc	t-93	Wieting, et al.			ļ		
		5,266,133	11/3	0/93	Hanley, et al.					
		5,344,208	9/	6/94	Bien, et al.			ļ		
		5,373,027	12/1	3/94	Hanley, et al.			<u> </u>		
		5,395,135		7/95	Lim, et al.					
			FORE	EIGN	PATENT DOCUMENTS					
Document Number Date				е	Country	CLASS	SUBCLASS	YES	NO NO	
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		OTHER DOCUM	1ENTS		(Including Author, Title, D	ate, Pertinent F	ages, Etc.)			
										
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			U.S.	PAT	ENT DOCUMENTS					
*EXAMINER TRIAL		DOCUMENT NUMBER	DAT	E	NAME	CLASS	SUI	BCLASS	FILING DAT	
		5,506,025	4/	9/96	Otto, et al.					
		5,575,526	11/1	9/96	Wycech					
		5,580,120	12/	3/96	Nees, et al.					
		5,707,098	1/1	3/98	Uchida, et al.					
		5,725,272	3/1	0/98	Jones					
		5,731,069	3/2	4/98	Delle Donne, et al.					
		5,755,486	5/2	6/98	Wycech					
		5,766,719	6/1	6/98	Rimkus					
		5,785,376	7/28/98		Nees, et al.					
		5,786,394	7/2	8/98	Slaven					
		5,855,094	1/	5/99	Baudisch, et al.					
		5,884,960	3/2	3/99	Wycech					
		5,885,688	3/2	3/99	McLaughlin					
		5,888,600	3/3	0/99	Wycech					
		5,934,737	8/1	0/99	Abouzahr					
		5,984,389	11/1	6/99	Nuber					
		5,992,923	11/3	0/99	Wycech					
		6,003,274	12/2	1/99	Wycech			_		
		6,022,066	2/	8/00	Tremblay, et al.					
		6,058,673		9/00	Wycech					
			FORE	EIGN	PATENT DOCUMENTS					
		Document Number	Dat	e	Country	CLASS	SU	BCLASS	TRANSLAT YES	NO NO
		OTHER DOCUM	1ENTS		(Including Author, Title, Da	ite, Pertinent P	ages, Etc.)			
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Application Number	10/635,070						
Filing Date	08/06/2003						
First Named Inventor	Michael J. Czaplicki						
Group Art Unit	3612						
Examiner Name	Unknown						
Attorney Docket Number	1001-009C2	j					

				U.S. PATENT DOC	UMENTS	
Examiner Initials*	Cite No.1	U.S. Patent I	Cocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		1,814,677		A. Fennema	05/03/1930	
		3,649,375		P.S. Venkatesan	01/26/1970	
		4,029,128		Yamagishi	06/14/1977	
		4,083,384		Horne et al.	04/11/1978	
		4,463,870		Coburn, Jr. et al.	08/07/1984	
		4,695,343		Wycech	09/22/1987	
		4,769,391		Wycech	09/06/1988	
		4,813,690		Coburn, Jr.	n, Jr. 03/21/1989	
		4,901,395		Semrau	02/20/1990	
		4,946,737		Lindeman et al.	08/07/1990	
		4,984,406		Friesen	01/15/1991	
		5,040,803		Cieslik et al.	08/20/1991	
		5,072,952		Irrgeher et al.	12/17/1991	
		5,358,397		Ligon et al.	10/25/1994	
		5,382,397		Turner, Jr.	01/17/1995	
		5,577,784		Nelson	11/26/1996	
		5,851,626		McCorry et al.	12/22/1998	
		5,871,849		Lepine	02/16/1999	
		5,878,784		Sales et al.	03/09/1999	
		5,901,752		Lundman	05/11/1999	

				FOR	EIGN PATENT DOCUMENT	rs		
Examiner Initials*	Cite No.1	Office	Foreign Patent D 3 Number4	Cocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		FR	2 539 693		Regie Nat. Des Usi	01/25/1983		X
		GB	2 156 412	Α	BKL Extrustions	10/09/1985		
		wo	87/01978		Gesenkschmiede Sch	04/09/1987		
		DE	3627725	A1	Daimler-Benz AG	02/25/1988		
		EP	0 679 501	A1	Ymos Aktiengesells	11/02/1995		
		DE	196 35 734	A1	Ebbinghaus, Alfred	04/03/1997		
		wo	01/57130		Denovus LLC	08/09/2001		
		wo	01/54936		Sika Corporation	08/02/2001		
		wo	01/56845		Sika Corporation	08/09/2001		
		wo	01/71225		Sika Corporation	09/27/2001		

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Substitu	ute for form 1449A/PTC)		Complete if Known		
			001.001105	Application Number	10/635,070	
INF	ORMATION	DI	SCLOSURE	Filing Date	08/06/2003	
STA	ATEMENT B	Y	APPLICANT	First Named Inventor	Michael J. Czaplicki	
				Group Art Unit	3612	
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Sheet	2	of	3	Attorney Docket Number	1001-009C2	

				U.S. PATENT DOC	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent (Cocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,902,656		Hwang	05/11/1999	
		6,006,484		Geissbuhler	12/28/1999	
		6,053,210		Chapman et al.	04/25/2000	
		6,146,565		Keller	11/14/2000	
		6,174,932		Pachl et al.	01/16/2001	
		6,189,953		Wycech	02/20/2001	_
		6,196,621		VanAssche et al.	03/06/2001	
		6,199,940		Hopton et al.	03/13/2001	
		6,247,287		Takabatake	06/19/2001	
		6,253,524		Hopton et al.	07/03/2001	
		6,263,635		Czaplicki	07/24/2001	
		6,277,898		Pachl et al.	08/21/2001	
		6,281,260		Hanley, IV et al.	08/28/2001	
		6,296,298		Barz	10/02/2001	
		6,305,136		Hopton et al.	10/23/2001	
		6,315,938		Jandali	11/13/2001	
		6,319,964		Blank et al.	11/20/2001	
		6,311,452		Barz et al.	11/06/2001	
		6,321,793		Czaplicki et al.	11/27/2001	
		6,197,403		Brown et al.	03/06/2001	

				FOR	EIGN PATENT DOCUMENT	S		
Examiner Initials	4		Foreign Patent Docui	ment Kind Code ⁵ (<i>if known</i>)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		EP	0 775 721	A1	Mitsubishi Jidosha	05/28/1997		
		DE	196 48 164	A1	Wilhelm Karmann	05/28/1998		
		DE	299 04 705	U1	Mannesmann AG	07/29/1999		
		WO	99/28575		Sika AG	06/10/1999	_	
		DE	197 53 658	A1	Fraunhofer-Gesells	06/17/1999	•	
		WO	00/03894		Cascade Engineerin	01/27/2000		
		wo	01/83206		Sika Corporation	11/08/2001		
			Bayerische Motoren Werke AG	05/07/1998				
		wo	99/48746		Moller Plast Gmbh	09/30/1999		
		JP	2001191947		Hond Motor Co Ltd	07/17/2001	·	

Examiner	Date	
Signature	Considered	

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PTO/SB/08A (10-96)
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Substitu	ute for form 1449A/PTC)		Complete if Known		
				Application Number	10/635,070	
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STA	ATEMENT B	Y	APPLICANT	First Named Inventor	Michael J. Czaplicki	
				Group Art Unit	3612	
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Sheet	3	of	3	Attorney Docket Number	1001-009C2	

		· · ·		U.S. PATENT DOC	UMENTS	
Examiner Initials	Cite No.1	U.S. Patent Docum	Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,232,433	Na	rayan	05/15/2001	
		6,233,826		cech	05/22/2001	
		6,237,304	W	cech	05/29/2001	
		6,270,600	W	/cech	08/07/2001	
		6,272,809	W	cech	08/14/2001	
		6,276,105	W	cech	08/21/2001	
		6,287,666	W	vcech	09/11/2001	
		5,894,071	Me	erz et al.	04/13/1999	
		3,868,796	Bu	sh	03/04/1975	
		6,341,467	W	cech	01/29/2002	
		6,303,672	Pa	oalos et al.	10/16/2001	
		6,332,731	W	vcech	12/25/2001	
		6,348,513	Hi	born et al.	02/19/2002	
		6,073,991	Na	ert	06/13/2000	
		5,819,408	Ca	tlin	10/13/1998	
		5,160,465	So	derberg	11/03/1992	
		D457,120 S	Bro	occardo et al.	05/14/2002	
		2002/0053179	W	ycech	05/09/2002	
		2002/0054988	W	ycech	05/09/2002	
		2002/0074827	Fit	zgerald et al.	06/20/2002	

		-		FOR	EIGN PATENT DOCUMENT	S						
Examiner Initials	Cite No.1					Office:	Foreign Patent Doc	ument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		EP	0 236 291		Austria Metall Aktiengesellschaft	09/09/1987						
		wo	98/36944		Raychem Corporation	08/27/1998						
		wo	00/55444			09/21/2000						
		wo	95/32110		Wycech, Joseph S.	11/30/1995						
		wo	00/37302		Adam Opel AG	06/29/2000		X				
		DE	198 56 255	C1_	Moller Plast GmbH	01/20/2000		X				
		DE	198 12 288	C1	Moller Plast GmbH	05/27/1999		X				
		FR	2 749 263		Renault Societe	12/05/1997		X				
		EP	0 893 332	B1		03/20/2002						
		DE	198 58 903	A1	Adam Opel AG	06/21/2000						

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Attorney Docket Number

SEP 3 0 2004 **ANSCLOS INFORMATION** STATEMENT BY

10/635,070 **Application Number** 08/06/2003 Filing Date First Named Inventor Michael J. Czaplicki <u> 3612</u> Group Art Unit Unknown **Examiner Name**

1001-009C2

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				U.S. PATENT DOC	UMENTS	
Examiner Initials*	Cite No.1	U.S. Patent I	Cocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,444,818		Tominaga et al.	04/24/1984	
		5,660,116		Dannawi et al.	08/26/1997	
		5,997,077		Siebels et al.	12/07/1999	
		6,139,094		Teply et al.	10/31/2000	
		6,244,601		Buchholz et al.	06/12/2001	
		6,358,584		Czaplicki	03/19/2002	
		6,368,438		Chang et al.	04/09/2002	
		6,372,334		Wycech	04/16/2002	
		6,382,635		Fitzgerald	05/07/2002	
		6,383,610		Barz et al.	05/07/2002	
		6,389,775		Steiner et al.	05/21/2002	
		6,406,078		Wycech	06/18/2002	
		6,413,611		Roberts et al.	07/02/2002	
		6,419,305		Larsen	07/16/2002	
		6,422,575		Czaplicki et al.	07/23/2002	
		6,435,601		Takahara	08/20/2002	
		6,455,146		Fitzgerald	09/24/2002	
		2001/002079	4	Ishikawa	09/13/2001	
		2002/003361	7	Blank	03/21/2002	
		H2047 H		Harrison et al.	09/03/2002	

				FOR	EIGN PATENT DOCUMENT	rs		
Examiner Initials	Cite No.1	Office	Foreign Patent Doc Number ⁴	ument Kind Code ^s (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T _e
			JP0200119194	9A	Neoex Lab Inc.	07/17/2001		
			JP406156317A	Ā	Honda Motor Co Ltd	06/03/1994		
			JP 10-53156		Neox Lab KK	02/24/1998		
			WO 01/30906		Orbseal LLC	05/03/2001		
			WO 01/88033		Sika Corporation	11/22/2001		
			JP 01164867		Iida Sangyo KK	06/28/1989		
			JP 61118211		Toyota Motor Corp.	06/05/1986		
			DE 4028895C		Mercedes-Benz	02/20/1992		
	·		EP 1 122 156	A2	Sika Corporation	08/08/2001		
			JP 7-31569		Neoex	06/13/1995		X

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Application Number	10/635,070						
Filing Date	08/06/2003						
First Named Inventor	Michael J. Czaplicki						
Group Art Unit	3612						
Examiner Name	Unknown						
Attorney Docket Number	1001-009C2						

				U.S. PATENT DOC	JMENTS	
Examiner Initials	Cite No.1	Number .	ment Code²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,822,011		Goldbach et al.	04/18/1989	
		5,474,721		Stevens	12/12/1995	
		5,544,930		Stedman	08/13/1996	
		5,631,027		Takabatake	05/20/1997	
		6,467,834		Barz et al.	10/22/2002	
		6,471,285		Czaplicki et al.	10/29/2002	
		6,474,722		Barz	11/05/2002	
		6,482,496		Wycech	11/19/2002	
		6,502,821		Schneider	01/07/2003	
		6,561,571		Brennecke	05/13/2003	
		6,619,727		Barz et al.	09/16/2003	
		6,620,501		Kassa et al.	09/16/2003	
		6,634,698		Kleino	10/21/2003	
		6,682,818		Czaplicki et al.	01/27/2004	
		6,668,457		Czaplicki	12/30/2003	
		6,482,486		Czaplicki et al.	11/19/2002	
		2003/0042056		Schneider et al.	03/06/2003	
		2003/0039792		Hable et al.	02/27/2003	
		2003/0001469		Hankins et al.	01/02/2003	
		2003/0050352		Guenther et al.	03/13/2003	

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Examiner Initials	Cite No.1	Office	Foreign Patent Do Number4	Cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		GB	2 375 328	Α	L&L Products	11/13/2002		
		GB	2 083 162	Α	Energy Absorption Systems	03/17/1982		
		DE	197 03 429		Bayerische Motoren Werke	08/06/1998		
		JP	58-87668		Nissan Jidousha Motors	06/14/1983		X
		JP	7-117728		Iida Sangyo KK	05/09/1995		X
		EP	1 006 022	A2	Neo-Ex Lab, Inc.	06/07/2000		
		EP	1 006 022	B1	Neo-Ex Lab, Inc.	09/24/2003		
		EP	1 256 512	A2	Adam Opel AG	11/13/2002		
		DE	42 27 393	A1	Volkswagen AG	03/04/1993		X
		EP	1 366 960		Hexcel Corporation	12/03/2003		T

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	Application Number	10/635,070
INFORMATION DISCLOSURE	Filing Date	08/06/2003
STATEMENT BY PRIJONNT	First Named Inventor	Michael J. Czaplicki
	Group Art Unit	3612
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Sheet 1 of 1	Attorney Docket Number	1001-009C2

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		6,474,723		Czaplicki et al.	11/05/2002	
		6,523,884		Czaplicki et al.	02/25/2003	
		6,575,526		Czaplicki et al.	06/10/2003	
		6,607,238		Barz	08/19/2003	
		6,573,309		Reitenbach et al.	06/03/2003	
		6,641,208		Czaplicki et al.	11/04/2003	
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	wo	02/055923	A2	Daimlerchrysler AG	07/18/2002	rigures Appear	\Box
	wo	03/047951	A1	Dow Global Technologies Inc.	06/12/2003		
	wo	03/089221	A1	Dow Global Technologies Inc.	10/30/2003		
	EP	1 362 683	A2	L&L Products Inc.	11/19/2003		
	EP	1 362 769	A1	L&L Products Inc.	11/19/2003		
	wo	03/042024	A1_	L&L Products, Inc.	05/22/2003		
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		International Search Report dated September 7, 2001.	
		International Preliminary Examination Report dated June 25, 2002.	
		KLEIN, M. and Adam Opel AG, "Application of Structural Foam in the Body in White - Reinforcement Roof Rail Side of the OPEL ASTRA", VDI Berichte NR, pp. 227-250.	X
		Copending Application Serial No. 09/631,211 filed August 3, 2000	

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